

WHAT IS CLAIMED IS:

1. A frame for automatic umbrella style canopy tents,
comprising: a rib holder with a plurality of upper ribs
5 rotatably coupled to the rib holder in radial directions; a
connection member mounted to the rib holder; a spreader holder
engaging with the connection member and being movable upwards
and downwards; a plurality of spreaders each coupled at
respective ends thereof to a corresponding upper rib and to
10 the spreader holder, thus expanding or closing the upper ribs
in radial directions in response to upward or downward
movement of the spreader holder; and a stopper mounted to a
lower end of the connection member and preventing the spreader
holder from being removed from the connection member,
15 wherein each of the spreaders is provided with elastic
means, thus being extendible.

2. The frame for automatic umbrella style canopy tents
according to claim 1, wherein each of the spreaders comprises
20 a first spreader part and a second spreader part into which
the first spreader part is inserted such that the first
spreader part is extendible, with a spring installed in the
second spreader part and causing the first spreader part to be
extended.

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3. The frame for automatic umbrella style canopy tents according to claim 1, wherein each of the spreaders comprises a first spreader part and a second spreader part, wherein a rear part of the first spreader part has a reduced diameter compared to a diameter of a front part of the first spreader part, and the second spreader part comprises a hollow body which has a diameter capable of receiving the rear part of the first spreader part therein such that the first spreader part is extendible, with a spring provided on the rear part of the first spreader part and causing the first spreader part to be extended.

4. A frame for automatic umbrella style canopy tents, comprising: a rib holder with a plurality of upper ribs rotatably coupled to the rib holder in radial directions; a connection member mounted to the rib holder; a spreader holder engaging with the connection member and being movable upwards and downwards; a plurality of spreaders each coupled at respective ends thereof to a corresponding upper rib and to the spreader holder, thus expanding or closing the upper ribs in radial directions in response to upward or downward movement of the spreader holder; and a stopper mounted to a lower end of the connection member and preventing the spreader holder from being removed from the connection member, wherein each of the spreaders comprises: front and rear

stoppers provided at front and rear ends of the spreader, respectively; a movable block provided on the spreader at a position between the front and rear stoppers and integrated with a coupling rod coupled to each of the upper ribs; and a
5 spring provided on the spreader at a position behind the movable block, thus allowing the movable block to be movable.

5. The frame for automatic umbrella style canopy tents according to any one of claims 1 through 4, further
10 comprising: a rope connector mounted to a lower end of the stopper and holding a tension rope which extends from a center of a ceiling part of a canopy of a tent, thus preventing the center of the ceiling part of the canopy from sagging when the tent is pitched.

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6. An automatic umbrella style canopy tent comprising the frame of any one of claims 1 through 4.